INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/32322

A. CLASSIFICATION OF SUBJECT MATTER			
IPC(7) : B29C 53/56, 53/62			
US CL : 264/151, 288, 292, 294, 295			
According to International Patent Classification (IPC) or to both national classification and IPC			
B. FIELDS SEARCHED			
Minimum documentation searched (classification system followed by classification symbols) U.S.: 264/151, 288, 292, 294, 295			
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched			
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)			
C. DOCUMENTS CONSIDERED TO BE RELEVANT			
Category *	Citation of document, with indication, where a		Relevant to claim No.
Y	US 2,432,870 A (EVALT) 16 December 1947 (16.1	2.1947), column 2, lines 1-9.	1-12, 14
Y	US 2,740,987 A (MONCRIEFF) 10 April 1956 (10.04.1956), column 1, lines 15-22, 29-35; column 2, lines 23-26; column 3, lines 1-7, 50-55.		1-12, 14
Y	US 3,184,795 A (HOWELL, JR.) 25 May 1965 (25.05.1965), column 6, lines 29-41.		8, 11
Y	US 2,392,842 A (DOELL) 15 January 1946 (15.01.1946), column 4, lines 13-14.		3, 9
Y	US 5,167,891 A (DIJKMAN, SR. et al) 1 December 1992 (01.12.1992), column 3, lines 40-45; column 4, lines 47-56.		12, 14
A	US 3,431,337 A (HEIMBURGER) 4 March 1969 (04.03.1969)		1-14
		Į.	
	documents are listed in the continuation of Box C.	See patent family annex.	
* Special categories of cited documents: "T" later document published after the int date and not in conflict with the appli		mational filing date or priority ation but cited to understand the	
	defining the general state of the art which is not considered to be lar relevance	principle or theory underlying the inve	ntion
"E" earlier application or patent published on or after the international filing date		"X" document of particular relevance; the considered novel or cannot be considered when the document is taken alone	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)		"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is	
"O" document referring to an oral disclosure, use, exhibition or other means		combined with one or more other such being obvious to a person skilled in the	documents, such combination
"P" document published prior to the international filing date but later than the		"&" document member of the same patent t	family
priority date claimed Date of the actual completion of the international search Date of mailing of the international search report			
28 December 2004 (28.12.2004)		Authorized officer Mike Colaianni Mike Colaianni Mike Colaianni	
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